



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION**  
11805 S.W. 26<sup>th</sup> Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera](http://www.miamidade.gov/pera)

**Nan Ya Plastics Corporation USA  
8989 North Loop East  
Suite 800  
Houston, TX 77029**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "Impact IS Transom" Aluminum Clad White PVC Fixed Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. NAN0019, titled "Impact I.S. Transom", sheets 1 through 5 of 5, dated 01/26/09, prepared by PTC, LLC, with the latest revision "B", dated 04/16/12, signed and sealed by Robert J. Amoroso, P. E., bearing the Miami-Dade County Product Control Section revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 09-0305.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon*  
*7/18/12*

**NOA No. 12-0612.12**  
**Expiration Date: July 15, 2014**  
**Approval Date: July 26, 2012**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

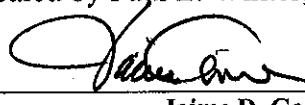
1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA No. 09-0305.04)*
2. Drawing No. NAN0019, titled "Impact I.S. Transom", sheets 1 through 5 of 5, dated 01/26/09, prepared by PTC, LLC, with the latest revision "B", dated 04/16/12, signed and sealed by Robert J. Amoruso, P. E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of In-Swing Transom, prepared by ETC Laboratories, Test Report No. **ETC-08-209-2111633.0** dated 05/22/08 - 05/28/08 signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*
2. Test reports on: 1) Smoke Density Test, per FBC, ASTM D 2843  
2) Test for rate of Burning, per FBC, ASTM D 635  
3) Self Ignition Temperature, per FBC, ASTM D 1929  
4) Tensile Property Tests, per FBC, ASTM D 638  
along with marked-up drawings and installation diagram of SMC Fiberglass Material, Rigid PVC and Cellular PVC, all prepared by ETC Laboratories, Inc., Test Reports No.'s **ETC-05-255-16776.1**, dated 07/06/06, **ETC-05-255-17144.1**, dated 06/30/08 and **ETC-05-255-16777.1**, dated 04/26/06, all signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*
3. Test reports on: 1) Surface Burning Test, per FBC, ASTM E 84  
along with marked-up drawings and installation diagram of Phenolic Foam Board, prepared by ETC Laboratories, Inc., Test Report No. **ETC-06-255-17412.1**, dated 04/25/06 with the latest revision dated 06/28/06, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by PTC, LLC, dated 06/17/09, signed and sealed by Paul E. Winter, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*
2. Glazing complies with ASTM E 1300-04

  
Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 12-0612.12  
Expiration Date: July 15, 2014  
Approval Date: July 26, 2012

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "**Saflex HP Glass Interlayer**" dated 04/17/2008, expiring on 04/17/2013.

**F. STATEMENTS**

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, issued by PTC, LLC, dated 04/25/12, signed and sealed by Robert J. Amoruso, P. E.
2. Addendum letter for Test Report no. **ETC-08-209-21133.0**, issued by ETC Laboratories, dated 04/09/09, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*
3. Laboratory compliance letters for Test Report No. **ETC-08-209-21133.0**, issued by ETC Laboratories, dated 08/01/08, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*
4. Laboratory compliance letters for Test Reports No.'s **ETC-05-255-16776.1**, dated 07/06/06, **ETC-05-255-17144.1**, dated 06/30/08, and **ETC-05-255-16777.1**, dated 04/26/06, all issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*
5. Laboratory compliance letters for Test Report No. **ETC-06-255-17412.1**, issued by ETC Laboratories, dated 06/28/06, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 09-0305.04)*

**G. OTHERS**

1. Notice of Acceptance No. **09-0305.04**, issued to Nan Ya Plastics Corporation USA for their Series "**Impact I.S. Transom Aluminum Clad Fixed Window - L.M.I.**", approved on 07/15/09 and expiring on 07/15/14.



Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 12-0612.12

Expiration Date: July 15, 2014

Approval Date: July 26, 2012

NAN-YA PLASTICS CORP.  
IMPACT I.S. TRANSOM  
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

- Ⓐ 1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # ETC-08-209-21133.0 DATED 08/11/2008 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED MIAMI DADE IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT.
- Ⓐ 5. WINDOW FRAME MATERIAL: FOAM PVC W/ KERF
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.
7. DESIGNATION "O" STANDS FOR THE FOLLOWING:  
O: FIXED PANEL
8. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCH.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 3/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 2-5/8 INCHES. MINIMUM ANCHOR SEPARATION IS 2 1/4 INCH.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
7. FOR CONCRETE BLOCK APPLICATIONS DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS.
8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - PT SOUTHERN YELLOW PINE MINIMUM SPECIFIC GRAVITY OF 0.55.  
B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3192 psi AND COMPLIES WITH ACI 301.  
C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90.

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SHEET	SHEET DESCRIPTION
1	GENERAL & INSTALLATION NOTES
2	ELEVATIONS & ANCHOR LAYOUTS
3	VERTICAL SECTIONS
4 Ⓐ	HORIZONTAL SECTIONS, GLAZING DETAIL & COMPONENTS
5	BILL OF MATERIALS, CORNER DETAIL & MULLION / HEAD DETAIL

UNIT SIZE	DESIGN PRESSURE RATING (PSF)	IMPACT RATING
71-1/4" X 24"	±80.0	LARGE MISSILE IMPACT
145-3/8" X 24"	±80.0	

PROJECT #411-1002

NAN YA PLASTICS CORP.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

IMPACT I.S. TRANSOM  
GENERAL & INSTALLATION NOTES

PREPARED BY: BB

DATE: 01/26/09

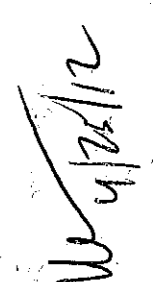
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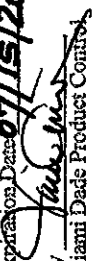
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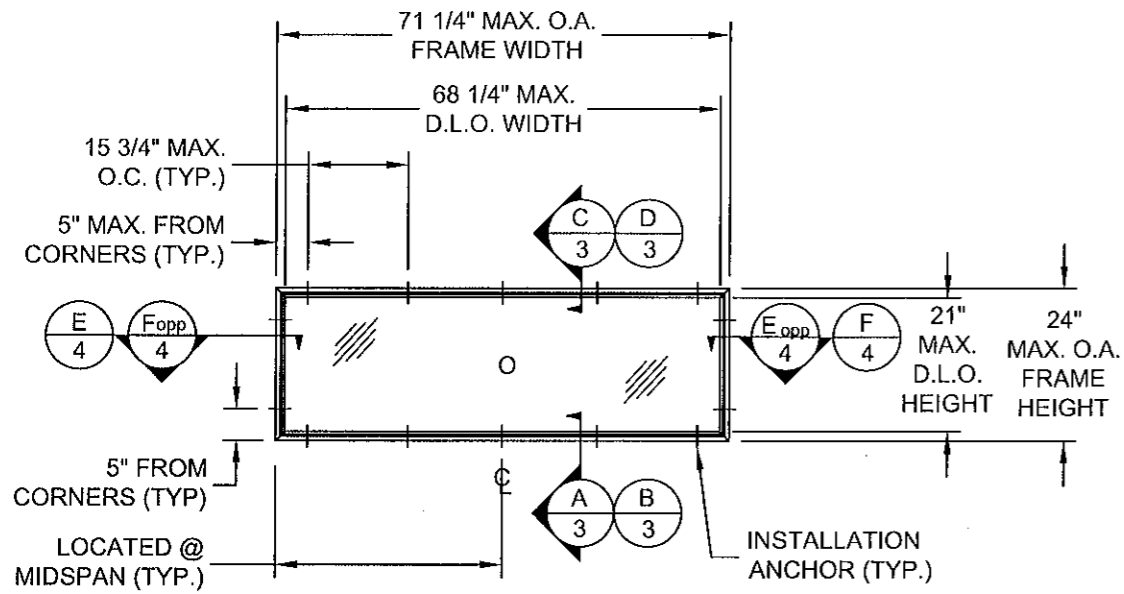
SHEET: 1 OF 5

Robert J. Amoroso, P.E.  
FL P.E. No. 49752

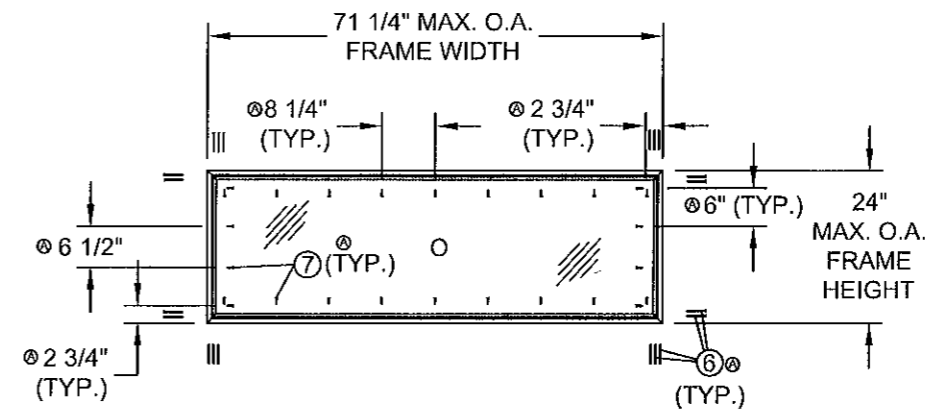


PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No  
Expiration Date 07/15/2014

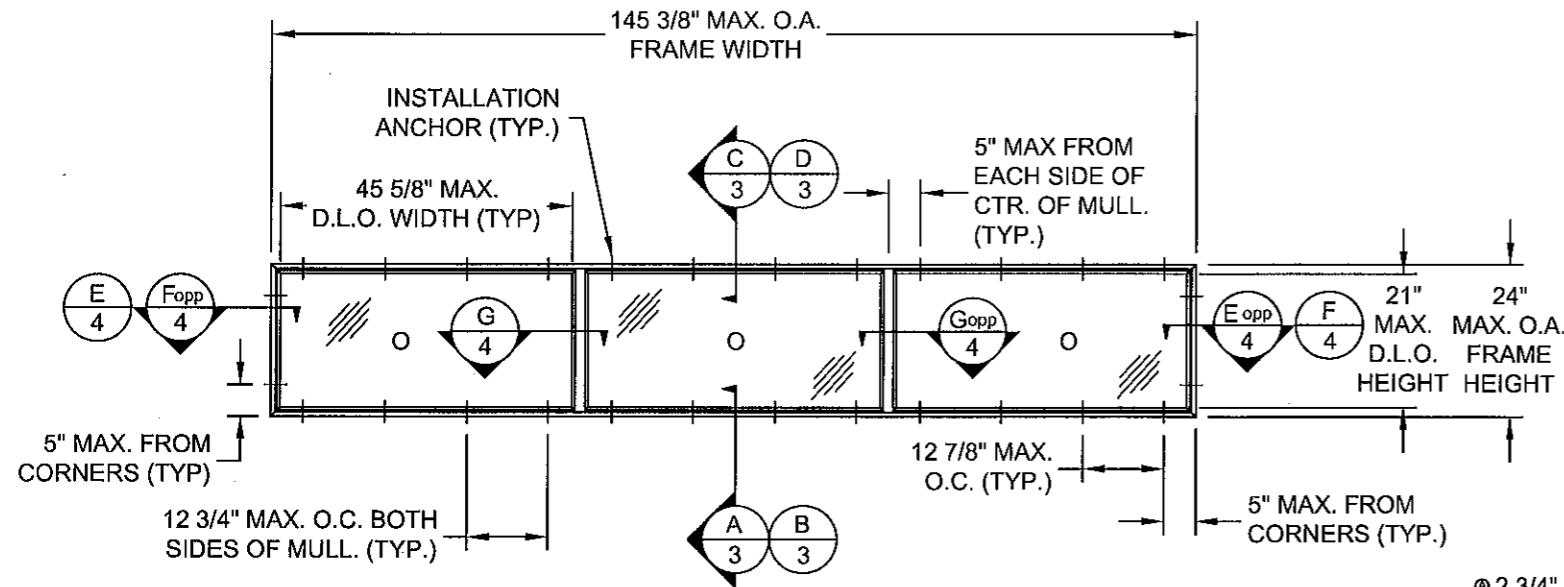
12-06-12-12  
By   
Miami Dade Product Control



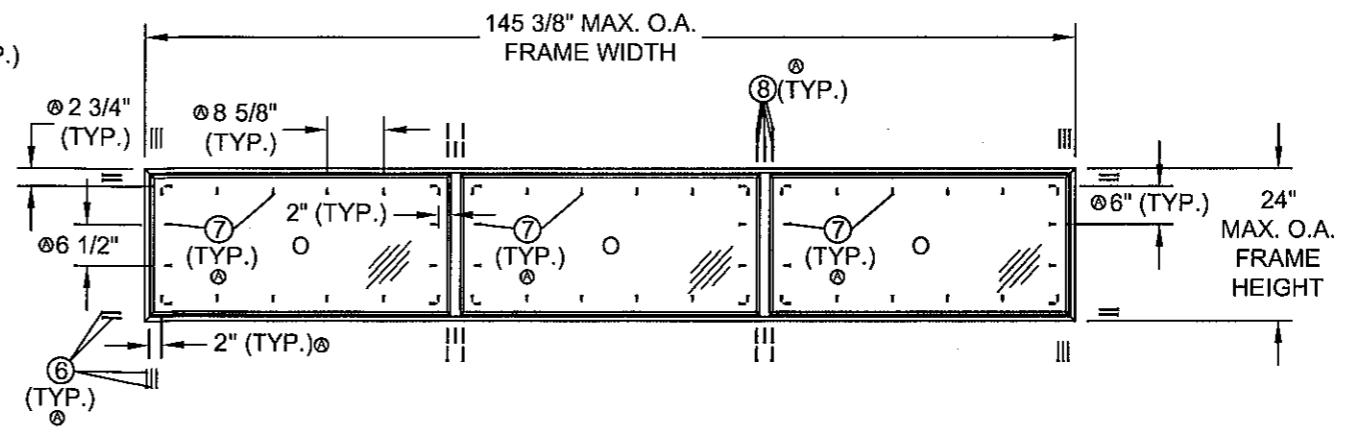
**ELEVATION & ANCHOR LAYOUT**  
EXTERIOR VIEW



**ANCHOR FABRICATION LAYOUT**  
EXTERIOR VIEW



**ELEVATION & ANCHOR LAYOUT**  
EXTERIOR VIEW



**ANCHOR FABRICATION LAYOUT**  
EXTERIOR VIEW

PROJECT #411-1002

NAN YA PLASTICS CORP.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

TITLE: ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY: BB

DRAWN BY: BB

DATE: 01/26/09

SCALE: N.T.S.

DRAWING NO: NAN0019

REV: 2 OF 5

REVISIONS PER

MIAMI-DADE

DATE

BY

BB

06/03/09

04/16/12

TJH

DATE

BY

BB

06/03/09

04/16/12

TJH

DATE

BY

BB

06/03/09

04/16/12

TJH

PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No 12-0612-12

Expansion Date 07/15/2014

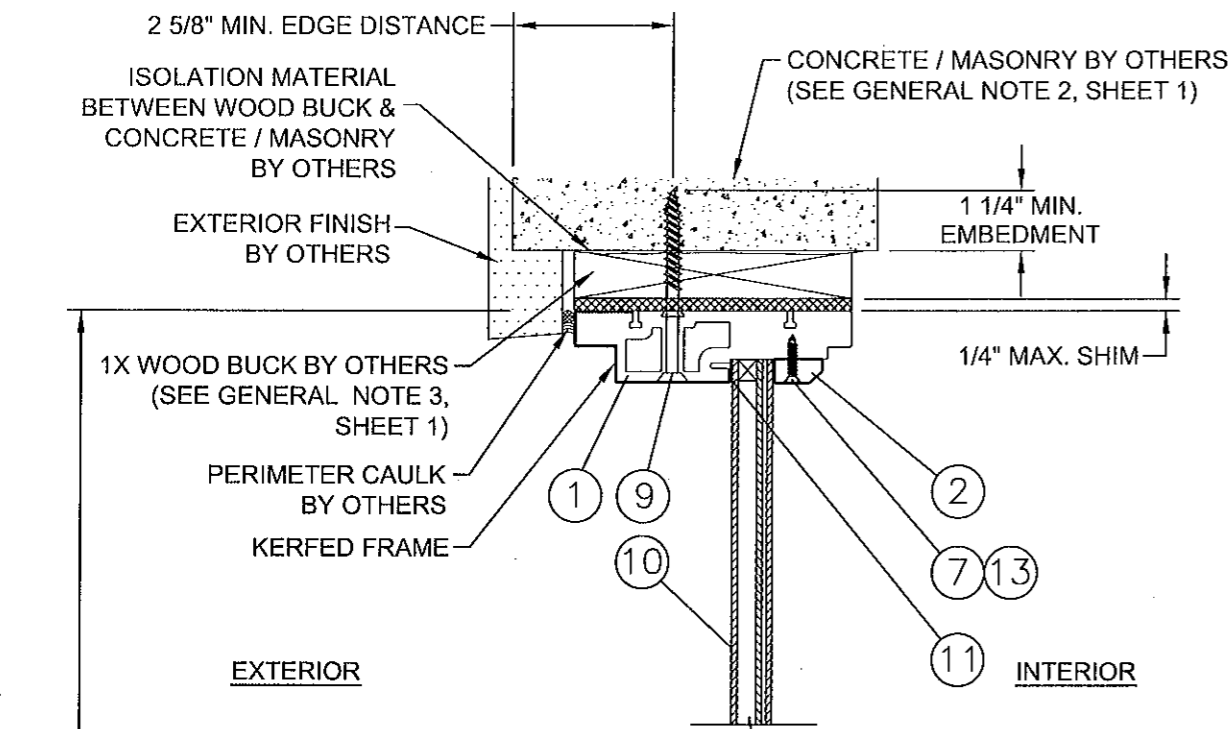
Robert J. Amoroso, P.E.

FL P.E. No. 49752

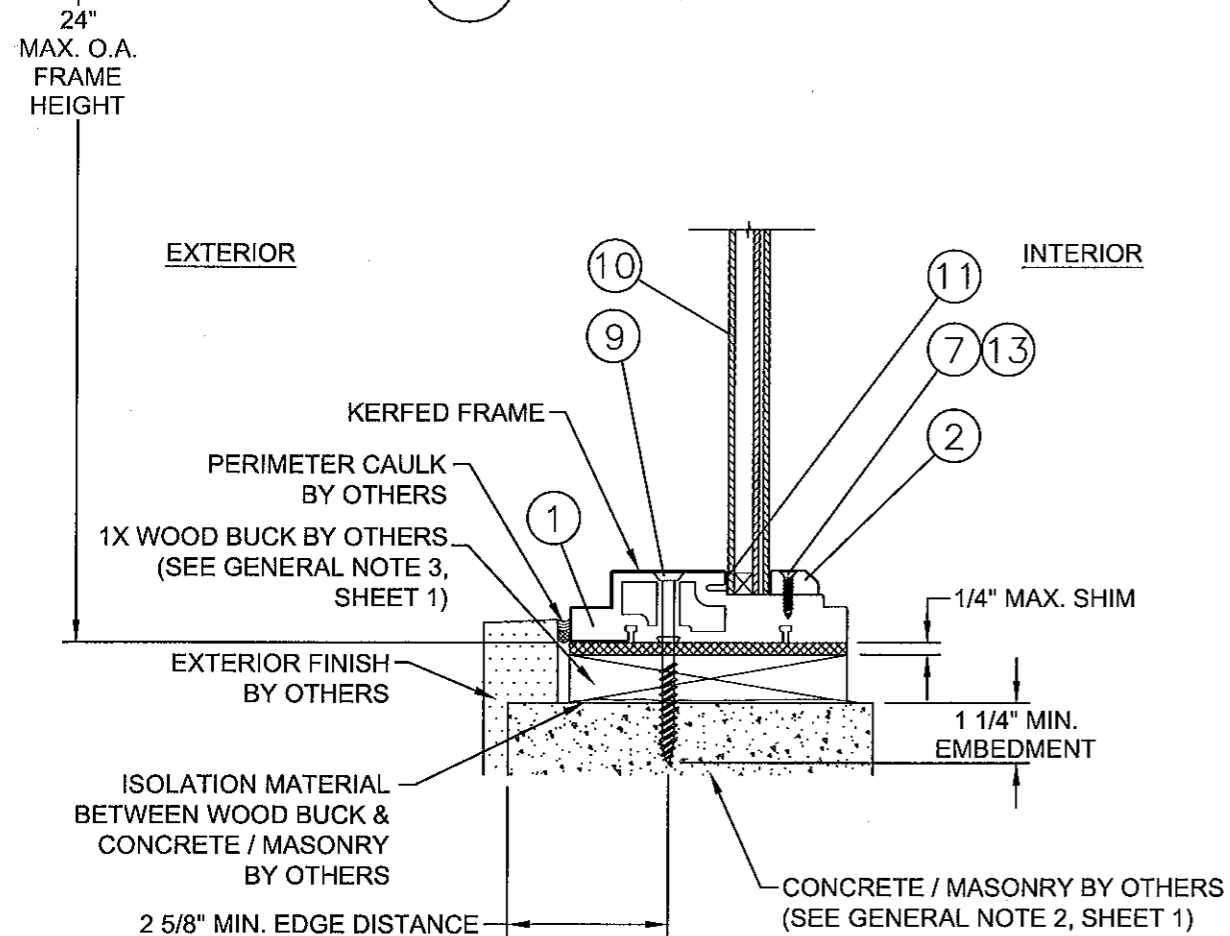
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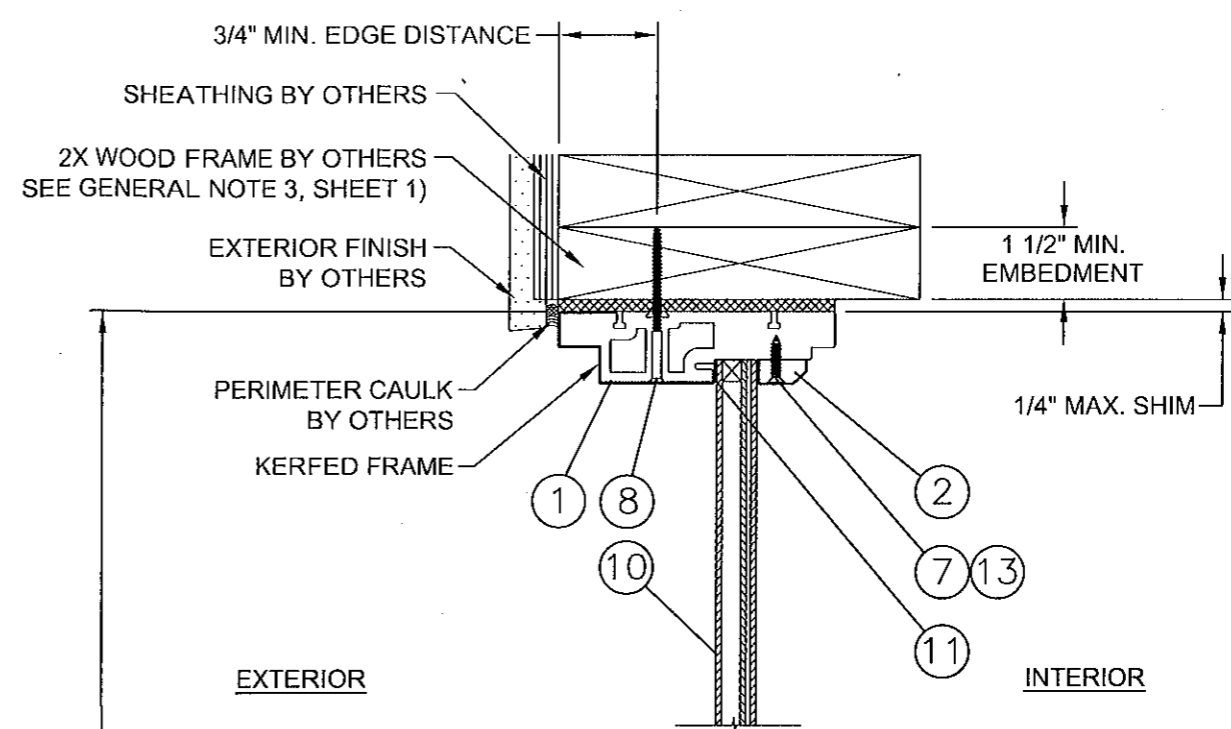
Miami Dade Product Control



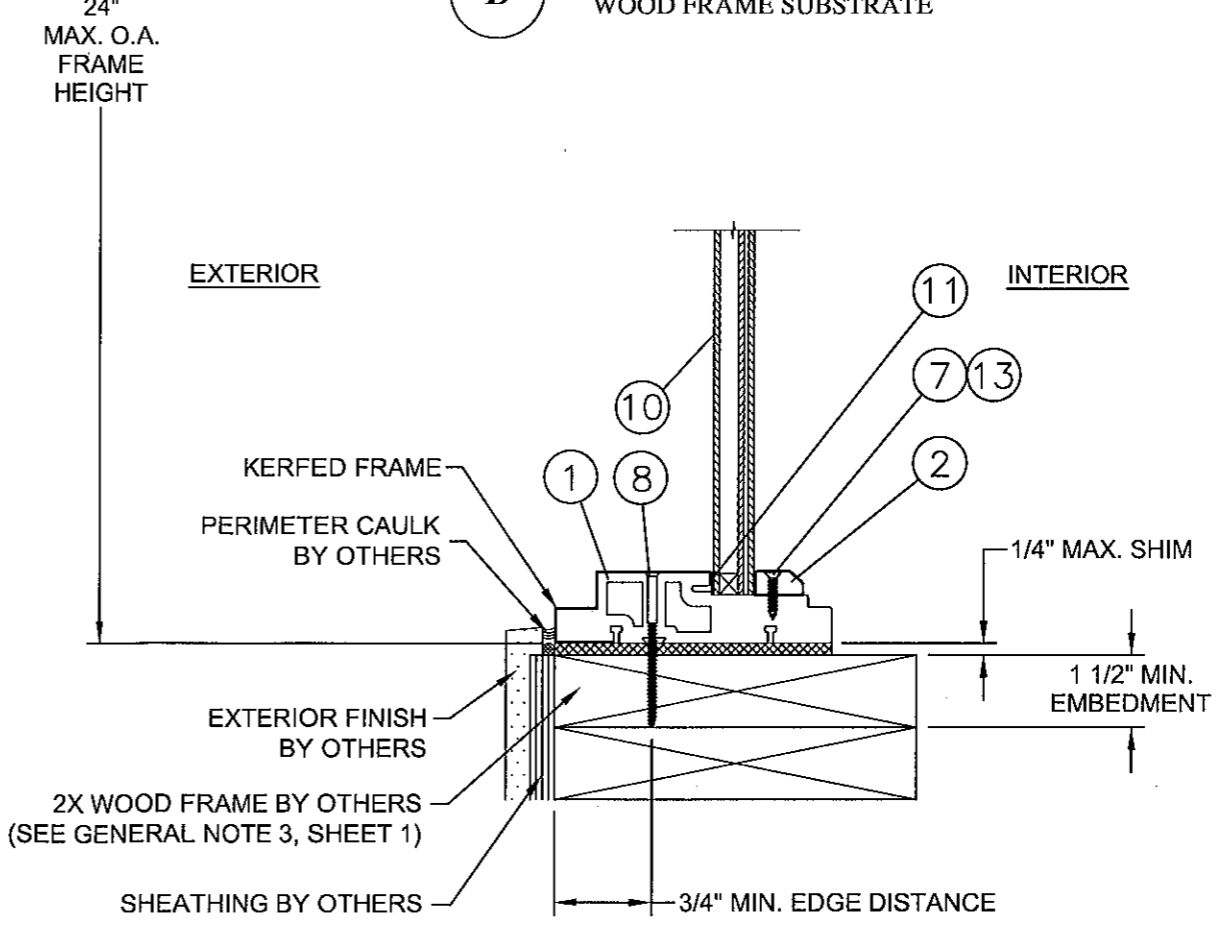
**C VERTICAL SECTION**  
CONCRETE / MASONRY SUBSTRATE



**A VERTICAL SECTION**  
CONCRETE / MASONRY SUBSTRATE



**D VERTICAL SECTION**  
WOOD FRAME SUBSTRATE



**B VERTICAL SECTION**  
WOOD FRAME SUBSTRATE

PROJECT #411-1002

NAN YA PLASTICS CORP.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

DATE	REVISIONS	BY
04/16/12	TJH	BB
06/03/09	BB	BB

DATE	REVISIONS	DESCRIPTION
01/26/09	B	UPDATE TO 2010 FBC
01/26/09	A	REVISIONS PER M/AM-DADE
01/26/09	REV	DESCRIPTION

PREPARED BY: BB  
SCALE: N.T.S.  
REV: B  
DATE: 01/26/09  
DRAWING NO: NAN0019  
SHEET: 3 OF 5

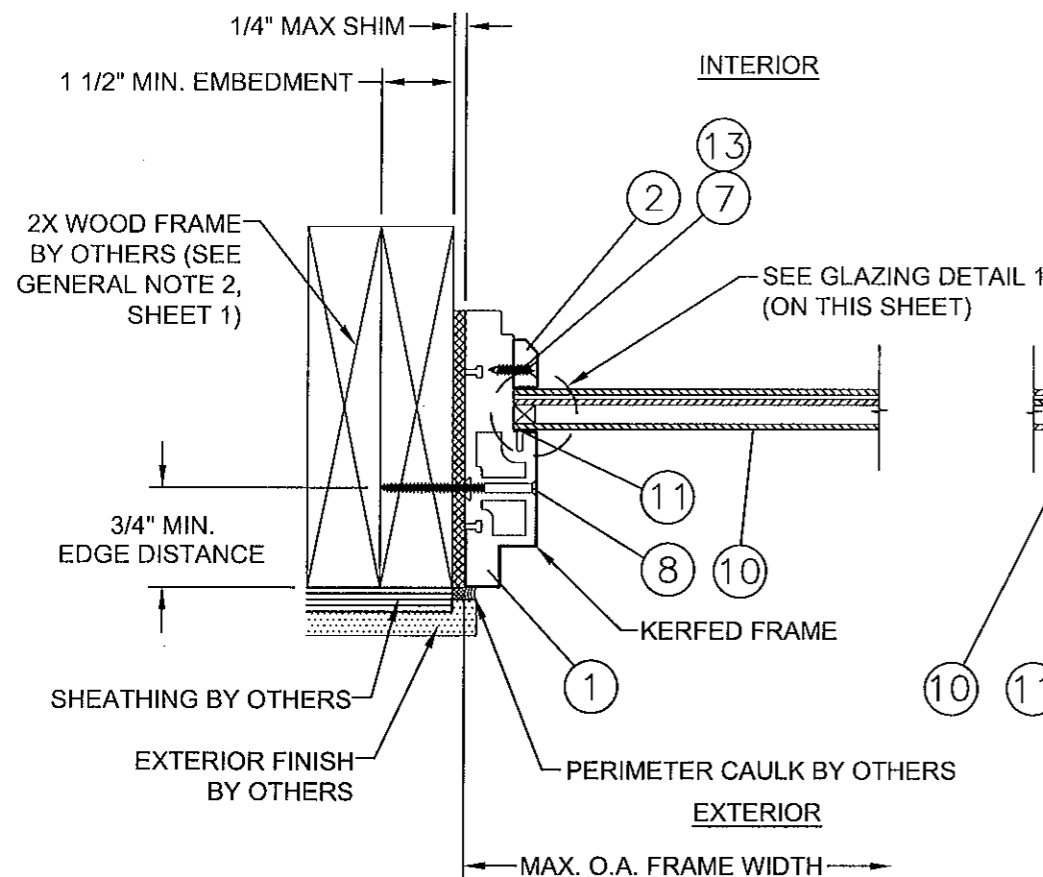
IMPACT I.S. TRANSON  
VERTICAL SECTIONS

PREPARED BY: *[Signature]*  
DATE: 12-06-12  
BY: *[Signature]*  
DATE: 07/15/2014

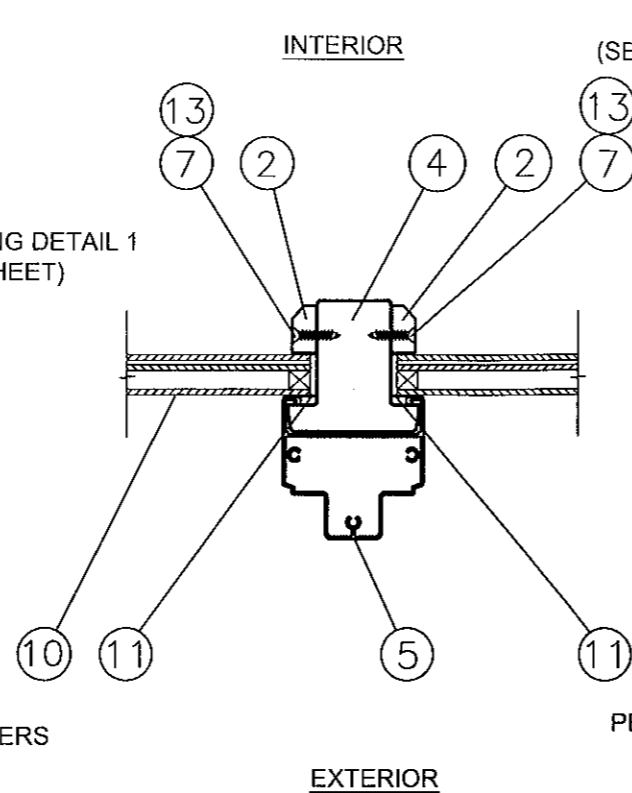
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as complying with the Florida  
Building Code  
Acceptance No. 12-06-12  
Expiration Date 07/15/2014

Robert J. Amoroso, P.E.  
FL P.E. No. 49752

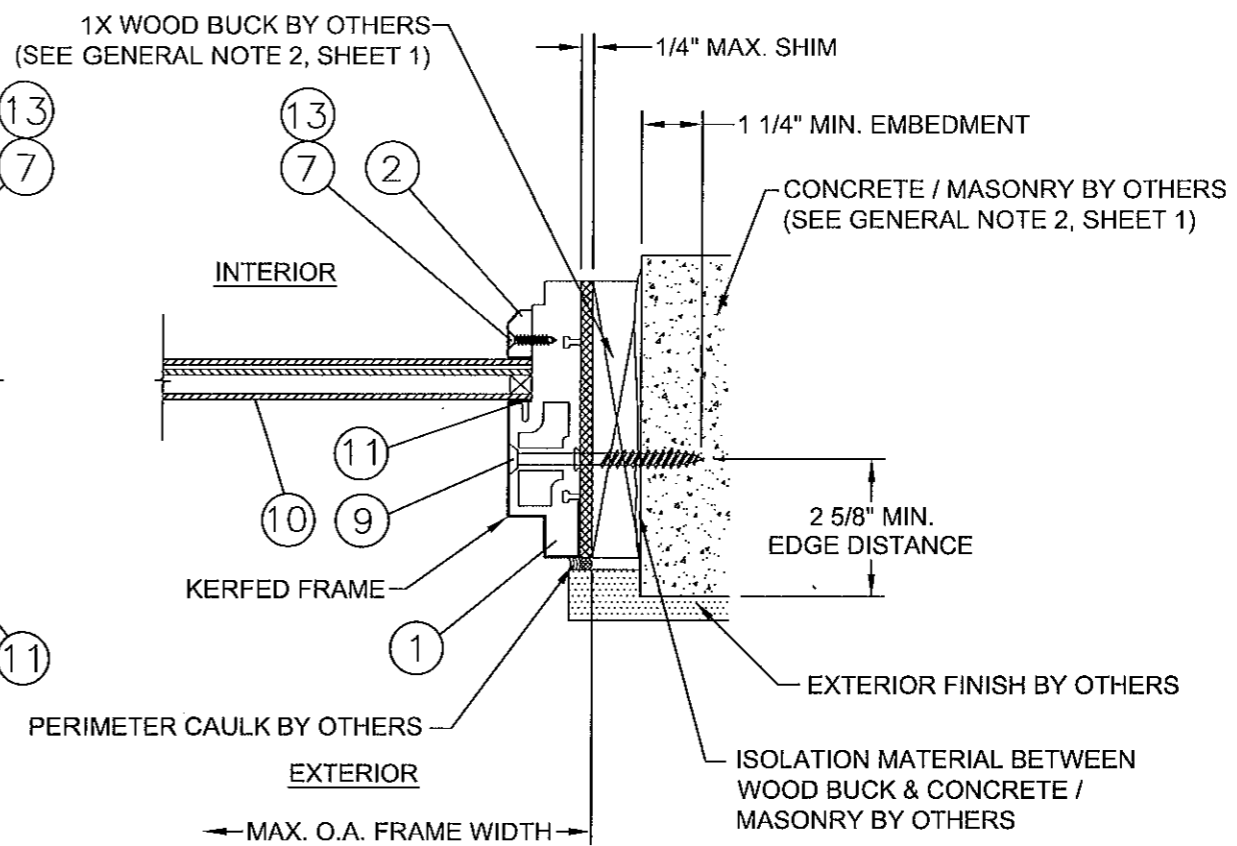
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Miami Dade Product Control



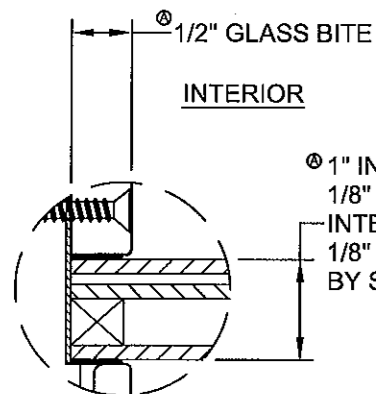
**E HORIZONTAL SECTION**  
WOOD FRAME SUBSTRATE



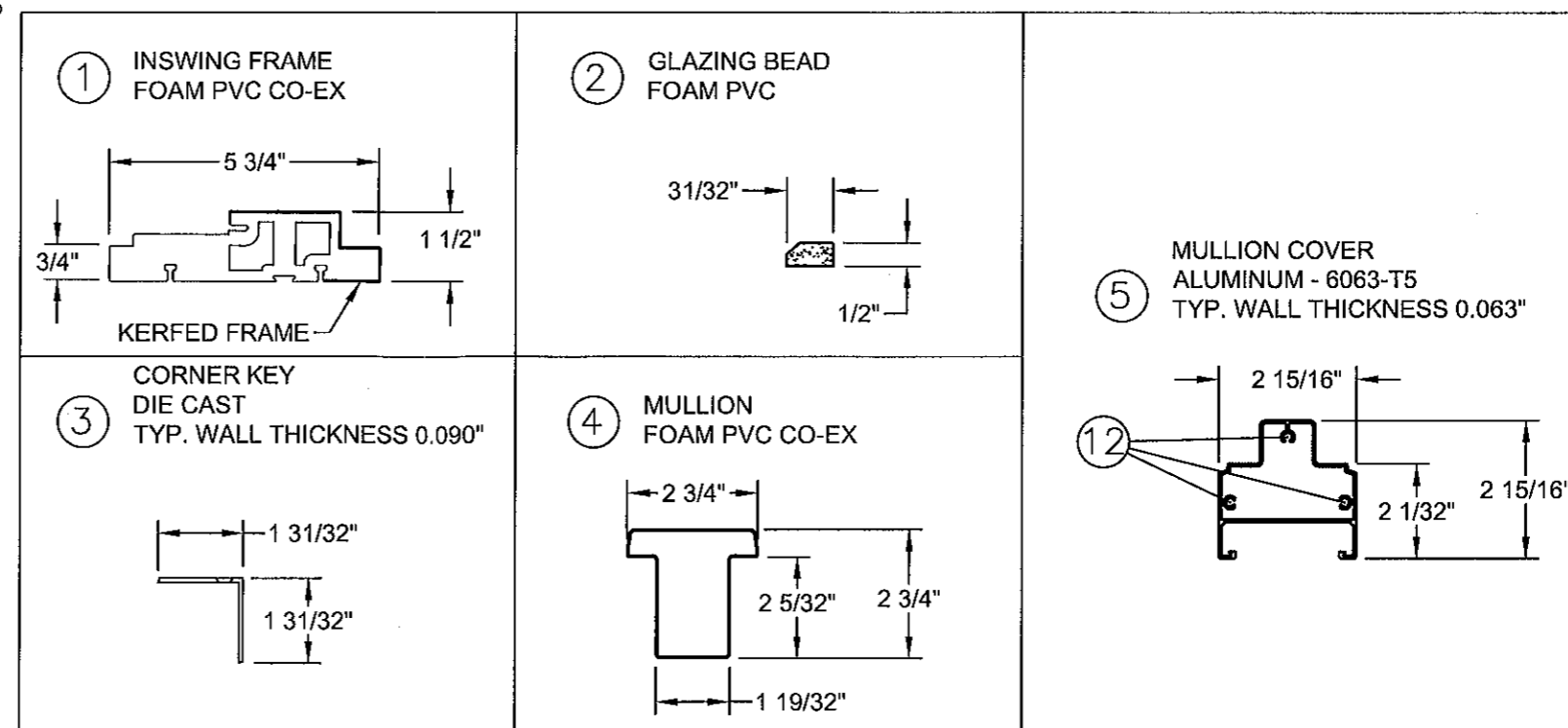
**G HORIZONTAL SECTION**  
MULLION



**F HORIZONTAL SECTION**  
CONCRETE / MASONRY SUBSTRATE



**GLAZING DETAIL A**



PROJECT #411-1002

NAN YA PLASTICS CORP.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

TITLE: HORIZONTAL SECTIONS, GLAZING DETAIL & COMPONENTS  
PREPARED BY: BB  
DATE: 01/26/09  
DRAWING NO: NAN0019  
SCALE: N.T.S.  
REV: B  
SHEET: 4 OF 5

PTC PRODUCT DESIGN GROUP, LLC  
12207 S. LONGWOOD ROAD, SUITE 200  
LONGWOOD, FL 32750  
Phone: 321.930.1788  
Fax: 321.930.1789  
Email: info@ptc-corp.com

Robert J. Amoroso, P.E.  
FL P.E. No. 49752

*W. J. Amoroso*

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By: *J. Amoroso*  
Miami Dade Product Control

REV	DESCRIPTION	DATE	BY
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	REVISIONS PER MIAMI-DADE	06/03/09	BB

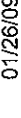
BILL OF MATERIALS			
NO.	DESCRIPTION.	MATERIAL	MANUFACTURER
1	INSWING FRAME	FOAM PVC CO-EX	NAN-YA PLASTICS CORP.
2	GLAZING BEAD	FOAM PVC	NAN-YA PLASTICS CORP.
3	CORNER KEY	DIE CAST	MICOTA LOCKS CO.
4	MULLION	FOAM PVC CO-EX	NAN-YA PLASTICS CORP.
5	MULLION COVER	ALUMINUM 6063-T5	MICOTA LOCKS CO.
⑥	#10 X 3" PFH SCREW	STAINLESS STEEL	ZHONG-QUN SCREWS CO.
⑥ 7	#10 X 1" PFH SCREWS SPACED 2 3/4" & 8 3/4" FROM CORNERS @ JAMBS. 2 3/4" FROM CORNERS & 8 1/4" O.C. THEREAFTER @ HEAD/SILL FOR UNIT W/O MULLION & 2" FROM CORNERS & 8 5/8" O.C. THEREAFTER @ HEAD/SILL FOR UNIT W/ MULLIONS.	STAINLESS STEEL	ZHONG-QUN SCREWS CO.
⑥ 8	#10 PFH INSTALLATION ANCHOR	STEEL	-----
9	3/16" ITW TAPCON INSTALLATION ANCHOR	STEEL	ITW
⑥ 10	1" INSULATED GLASS UNIT CONSISTING OF: 1/8" EXTERIOR TEMPERED GLASS/ ARGON SPACE/ INTERIOR LAMINATED GLASS COMPRISED OF: 1/8" ANNEALED GLASS/ 0.090" SAFLEX PVB INTERLAYER BY SOLUTIA/ 1/8" ANNEALED GLASS BY CARDINAL	GLASS	CARDINAL
11	BACKBEDDING DOW CORNING 995 SILICONE	SILICONE	DOW CORNING
12	#10 X 2 1/2" PH. SQ. DRIVE HD. SCREWS	STAINLESS STEEL	ZHONG-QUN SCREWS CO.
13	PLUG	PVC	NAN YA PLASTICS CORP.



PROJECT #411-1002

**NAN YA PLASTICS CORP.**  
8989 NORTH 100P EAST

HOUSTON, TX 77029		
TITLE:	IMPACT I.S. TRANSM	
	BILL OF MATERIALS, CORNER SECTION & MULLION / FRAME HEAD DETAIL	
PREPARED BY:	DRAWN BY:	DATE:

 <b>PTC</b> PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 520775 LONGWOOD, FLORIDA 32752 REPE C.A. NO. 28353 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com	BB	01/26/09
	SCALE:	DRAWING NO:
	N.T.S.	NAN00019
	REV:	SHEET:
	B	5 OF 5

Robert J. Amoruso, P.E.  
FL P.E. No. 49752

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as complying with the Florida  
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Acceptance No. 12-06  
Expiration Date 07/15/14  
By Paul G. [Signature]  
Miami Dade Product Control